

*ASSIGNMENT*

WHEREAS, We, DAVID DUHL and SUSAN W. GORMAN, hereinafter referred to as *ASSIGNORS*, have co-invented certain improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: HUMAN CHROMOSOME 15 AND 16 BARDET-BIEDL  
SYNDROME POLYNUCLEOTIDES AND POLYPEPTIDES  
AND METHODS OF USE

Date of Execution: October 6, 2000 and October 14, 2000

Filing Date: June 22, 2000

Serial No: 09/602,597

WHEREAS, *CHIRON CORPORATION*, located at 4560 Horton Street, Emeryville, California 94608-2916, hereinafter referred to as *ASSIGNEE*, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to *ASSIGNORS* by *ASSIGNEE*, receipt of which is hereby acknowledged, *ASSIGNORS* have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said *ASSIGNEE*, and *ASSIGNEE'S* successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. § 119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said *ASSIGNEE* as fully and exclusively as it would have been held and enjoyed by said *ASSIGNORS* had this assignment and transfer not been made, to the full end and term of any Letters Patent.

*ASSIGNORS* also agree that the U.S. serial number and the filing date may be entered above by *ASSIGNEE* or its agents upon designation of the serial number and the filing date by the U.S. Patent and Trademark Office.

ASSIGNORS further agree that they will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed their names to this assignment on the dates indicated below.

INVENTOR: DAVID DUHL

DATE 10/06/00

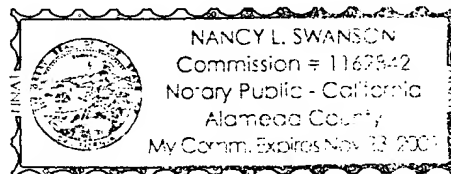
David Duhl  
Signature

State of California  
County of Alameda

On 10/06/00 before me, Nancy L. Swanson, Notary Public,  
personally appeared David Duhl, personally known to me OR proved  
to me on the basis of satisfactory evidence to be the person whose name is subscribed to the  
within instrument and acknowledged to me that he/she/they executed the same in  
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the  
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed  
the instrument.

WITNESS my hand and official seal.

Nancy L. Swanson  
Signature of Notary Public



Notary Seal

INVENTOR: SUSAN W. GORMAN

DATE \_\_\_\_\_

\_\_\_\_\_  
Signature

State of California

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_, Notary Public,  
personally appeared \_\_\_\_\_, personally known to me OR proved  
to me on the basis of satisfactory evidence to be the person whose name is subscribed to the  
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instrument the person(s), or the entity upon behalf of which the person(s) acted, executed  
the instrument.

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Signature of Notary Public

Notary Seal

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*IN TESTIMONY WHEREOF, ASSIGNORS* have hereunto signed their names to this assignment on the dates indicated below.

INVENTOR: DAVID DUHL

DATE \_\_\_\_\_

\_\_\_\_\_  
Signature

State of California

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_, Notary Public,  
personally appeared \_\_\_\_\_, personally known to me OR proved  
to me on the basis of satisfactory evidence to be the person whose name is subscribed to the  
within instrument and acknowledged to me that he/she/they executed the same in  
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the  
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed  
the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary Public

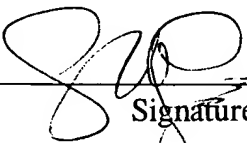
Notary Seal

PATENT

U.S. Serial No. 09/602,597  
Attorney Docket No. PP-01568.002

INVENTOR: SUSAN W. GORMAN

DATE 14 October 2000

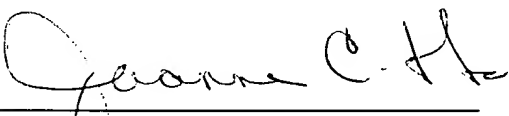
  
\_\_\_\_\_  
Signature

State of California

County of Los Angeles

On 10-14-2000 before me, Joanne Cotto, Notary Public,  
personally appeared Susan W. Gorman, personally known to me OR proved  
to me on the basis of satisfactory evidence to be the person whose name is subscribed to the  
within instrument and acknowledged to me that ~~he~~/she/~~they~~ executed the same in  
~~his~~/her/~~their~~ authorized capacity(ies), and that by ~~his~~/her/~~their~~ signature(s) on the  
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed  
the instrument.

WITNESS my hand and official seal.

  
\_\_\_\_\_  
Signature of Notary Public

Notary Seal

